



Tuesday, August 28, 2012

Attn: Mr. Darrick Jones
Leggette, Brashears & Graham
6 Executive Drive
Farmington CT 06030

Project ID: SATIN
Sample ID#s: BC59272 - BC59277

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. All soils and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

A handwritten signature in black ink, appearing to read "Phyllis Shiller".

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #MA-CT-007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B

NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

August 28, 2012

FOR: Attn: Mr. Darrick Jones
Leggette, Brashears & Graham
6 Executive Drive
Farmington CT 06030

Sample Information

Matrix: WIPE
Location Code: LBG-PCB
Rush Request: Standard
P.O.#:

Custody Information

Collected by:
Received by: SW
Analyzed by: see "By" below

Date Time

08/22/12 11:10
08/23/12 15:48

Laboratory Data

SDG ID: GBC59272
Phoenix ID: BC59272

Project ID: SATIN
Client ID: W-1

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
PCB Wipe Extraction	Completed			08/23/12	QQ/K	SW-3540C
<u>Polychlorinated Biphenyls</u>						
PCB-1016	ND	1.0	ug	08/24/12	AW	SW8082
PCB-1221	ND	1.0	ug	08/24/12	AW	SW8082
PCB-1232	ND	1.0	ug	08/24/12	AW	SW8082
PCB-1242	ND	1.0	ug	08/24/12	AW	SW8082
PCB-1248	ND	1.0	ug	08/24/12	AW	SW8082
PCB-1254	ND	1.0	ug	08/24/12	AW	SW8082
PCB-1260	ND	1.0	ug	08/24/12	AW	SW8082
PCB-1262	ND	1.0	ug	08/24/12	AW	SW8082
PCB-1268	ND	1.0	ug	08/24/12	AW	SW8082
<u>QA/QC Surrogates</u>						
% DCBP	81		%	08/24/12	AW	30 - 150 %
% TCMX	87		%	08/24/12	AW	30 - 150 %

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director

August 28, 2012

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



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Analysis Report

August 28, 2012

FOR: Attn: Mr. Darrick Jones
Leggette, Brashears & Graham
6 Executive Drive
Farmington CT 06030

Sample Information

Matrix: WIPE
Location Code: LBG-PCB
Rush Request: Standard
P.O.#:

Custody Information

Collected by:
Received by: SW
Analyzed by: see "By" below

Date Time

08/22/12 11:12
08/23/12 15:48

Laboratory Data

SDG ID: GBC59272
Phoenix ID: BC59273

Project ID: SATIN
Client ID: W-2

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
PCB Wipe Extraction	Completed			08/23/12	QQ/K	SW-3540C
<u>Polychlorinated Biphenyls</u>						
PCB-1016	ND	1.0	ug	08/24/12	AW	SW8082
PCB-1221	ND	1.0	ug	08/24/12	AW	SW8082
PCB-1232	ND	1.0	ug	08/24/12	AW	SW8082
PCB-1242	ND	1.0	ug	08/24/12	AW	SW8082
PCB-1248	ND	1.0	ug	08/24/12	AW	SW8082
PCB-1254	ND	1.0	ug	08/24/12	AW	SW8082
PCB-1260	ND	1.0	ug	08/24/12	AW	SW8082
PCB-1262	ND	1.0	ug	08/24/12	AW	SW8082
PCB-1268	ND	1.0	ug	08/24/12	AW	SW8082
<u>QA/QC Surrogates</u>						
% DCBP	80		%	08/24/12	AW	30 - 150 %
% TCMX	85		%	08/24/12	AW	30 - 150 %

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

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Phyllis Shiller, Laboratory Director

August 28, 2012

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



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Analysis Report

August 28, 2012

FOR: Attn: Mr. Darrick Jones
Leggette, Brashears & Graham
6 Executive Drive
Farmington CT 06030

Sample Information

Matrix: WIPE
Location Code: LBG-PCB
Rush Request: Standard
P.O.#:

Custody Information

Collected by:
Received by: SW
Analyzed by: see "By" below

Date Time

08/22/12 11:14
08/23/12 15:48

Laboratory Data

SDG ID: GBC59272
Phoenix ID: BC59274

Project ID: SATIN
Client ID: W-3

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
PCB Wipe Extraction	Completed			08/23/12	QQ/K	SW-3540C
<u>Polychlorinated Biphenyls</u>						
PCB-1016	ND	1.0	ug	08/24/12	AW	SW8082
PCB-1221	ND	1.0	ug	08/24/12	AW	SW8082
PCB-1232	ND	1.0	ug	08/24/12	AW	SW8082
PCB-1242	ND	1.0	ug	08/24/12	AW	SW8082
PCB-1248	ND	1.0	ug	08/24/12	AW	SW8082
PCB-1254	ND	1.0	ug	08/24/12	AW	SW8082
PCB-1260	ND	1.0	ug	08/24/12	AW	SW8082
PCB-1262	ND	1.0	ug	08/24/12	AW	SW8082
PCB-1268	ND	1.0	ug	08/24/12	AW	SW8082
<u>QA/QC Surrogates</u>						
% DCBP	78		%	08/24/12	AW	30 - 150 %
% TCMX	84		%	08/24/12	AW	30 - 150 %

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

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Phyllis Shiller, Laboratory Director

August 28, 2012

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



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Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

August 28, 2012

FOR: Attn: Mr. Darrick Jones
Leggette, Brashears & Graham
6 Executive Drive
Farmington CT 06030

Sample Information

Matrix: WIPE
Location Code: LBG-PCB
Rush Request: Standard
P.O.#:

Custody Information

Collected by:
Received by: SW
Analyzed by: see "By" below

Date Time

08/22/12 11:16
08/23/12 15:48

Laboratory Data

SDG ID: GBC59272
Phoenix ID: BC59275

Project ID: SATIN
Client ID: W-4

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
PCB Wipe Extraction	Completed			08/23/12	QQ/K	SW-3540C

Polychlorinated Biphenyls

PCB-1016	ND	1.0	ug	08/24/12	AW	SW8082
PCB-1221	ND	1.0	ug	08/24/12	AW	SW8082
PCB-1232	ND	1.0	ug	08/24/12	AW	SW8082
PCB-1242	ND	1.0	ug	08/24/12	AW	SW8082
PCB-1248	ND	1.0	ug	08/24/12	AW	SW8082
PCB-1254	ND	1.0	ug	08/24/12	AW	SW8082
PCB-1260	ND	1.0	ug	08/24/12	AW	SW8082
PCB-1262	ND	1.0	ug	08/24/12	AW	SW8082
PCB-1268	ND	1.0	ug	08/24/12	AW	SW8082

QA/QC Surrogates

% DCBP	73	%	08/24/12	AW	30 - 150 %
% TCMX	78	%	08/24/12	AW	30 - 150 %

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

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Phyllis Shiller, Laboratory Director

August 28, 2012

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



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Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

August 28, 2012

FOR: Attn: Mr. Darrick Jones
Leggette, Brashears & Graham
6 Executive Drive
Farmington CT 06030

Sample Information

Matrix: WIPE
Location Code: LBG-PCB
Rush Request: Standard
P.O.#:

Custody Information

Collected by:
Received by: SW
Analyzed by: see "By" below

Date

08/22/12 11:18

Time

08/23/12 15:48

Laboratory Data

SDG ID: GBC59272
Phoenix ID: BC59276

Project ID: SATIN
Client ID: W-5

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
PCB Wipe Extraction	Completed			08/23/12	QQ/K	SW-3540C

Polychlorinated Biphenyls

PCB-1016	ND	1.0	ug	08/24/12	AW	SW8082
PCB-1221	ND	1.0	ug	08/24/12	AW	SW8082
PCB-1232	ND	1.0	ug	08/24/12	AW	SW8082
PCB-1242	ND	1.0	ug	08/24/12	AW	SW8082
PCB-1248	ND	1.0	ug	08/24/12	AW	SW8082
PCB-1254	ND	1.0	ug	08/24/12	AW	SW8082
PCB-1260	ND	1.0	ug	08/24/12	AW	SW8082
PCB-1262	ND	1.0	ug	08/24/12	AW	SW8082
PCB-1268	ND	1.0	ug	08/24/12	AW	SW8082

QA/QC Surrogates

% DCBP	77	%	08/24/12	AW	30 - 150 %
% TCMX	81	%	08/24/12	AW	30 - 150 %

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director

August 28, 2012

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Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

August 28, 2012

FOR: Attn: Mr. Darrick Jones
Leggette, Brashears & Graham
6 Executive Drive
Farmington CT 06030

Sample Information

Matrix: WIPE
Location Code: LBG-PCB
Rush Request: Standard
P.O.#:

Custody Information

Collected by:
Received by: SW
Analyzed by: see "By" below

Date Time

08/22/12 11:20
08/23/12 15:48

Laboratory Data

SDG ID: GBC59272
Phoenix ID: BC59277

Project ID: SATIN
Client ID: W-6

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
PCB Wipe Extraction	Completed			08/23/12	QQ/K	SW-3540C
<u>Polychlorinated Biphenyls</u>						
PCB-1016	ND	1.0	ug	08/24/12	AW	SW8082
PCB-1221	ND	1.0	ug	08/24/12	AW	SW8082
PCB-1232	ND	1.0	ug	08/24/12	AW	SW8082
PCB-1242	ND	1.0	ug	08/24/12	AW	SW8082
PCB-1248	ND	1.0	ug	08/24/12	AW	SW8082
PCB-1254	ND	1.0	ug	08/24/12	AW	SW8082
PCB-1260	ND	1.0	ug	08/24/12	AW	SW8082
PCB-1262	ND	1.0	ug	08/24/12	AW	SW8082
PCB-1268	ND	1.0	ug	08/24/12	AW	SW8082
<u>QA/QC Surrogates</u>						
% DCBP	77		%	08/24/12	AW	30 - 150 %
% TCMX	81		%	08/24/12	AW	30 - 150 %

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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August 28, 2012

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



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Tel. (860) 645-1102 Fax (860) 645-0823

QA/QC Report

August 28, 2012

QA/QC Data

SDG I.D.: GBC59272

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 207810, QC Sample No: BC59272 (BC59272, BC59273, BC59274, BC59275, BC59276, BC59277)									
<u>Polychlorinated Biphenyl</u>									
PCB-1016	ND	146	134	8.6				40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	148	152	2.7				40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	79	81	76	6.4				30 - 150	30
% TCMX (Surrogate Rec)	80	85	74	13.8				30 - 150	30

Comment:

A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.

I = This parameter is outside laboratory lcs/lcsd specified recovery limits.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference

LCS - Laboratory Control Sample

LCSD - Laboratory Control Sample Duplicate

MS - Matrix Spike

MS Dup - Matrix Spike Duplicate

NC - No Criteria

Intf - Interference

Phyllis Shiller, Laboratory Director
August 28, 2012

Tuesday, August 28, 2012

Requested Criteria: GBM, RC

State: CT

Sample Criteria Exceedences Report

GBC59272 - LBG-PCB

Page 1 of 1

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
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*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

Reasonable Confidence Protocol Laboratory Analysis QA/QC Certification Form

Laboratory Name: Phoenix Environmental Labs, Inc. **Client:** LBG-PCB
Project Location: SATIN **Project Number:**
Laboratory Sample ID(s): BC59272, BC59273, BC59274, BC59275, BC59276, BC59277
Sampling Date(s): 8/22/2012

RCP Methods Used:

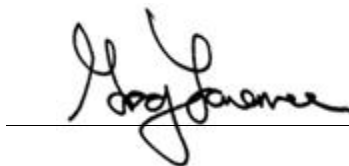
☐ 1311/1312 ☐ 6010 ☐ 7000 ☐ 7196 ☐ 7470/7471 ☐ 8081 ☐ EPH ☐ TO15
☒ 8082 ☐ 8151 ☐ 8260 ☐ 8270 ☐ ETPH ☐ 9010/9012 ☐ VPH

1.	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1a.	Were the method specified preservation and holding time requirements met?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1b.	EPH and VPH methods only: Was the VPH or EPH method conducted without significant modifications (see section 11.3 of respective RCP methods)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA
2.	Were all samples received by the laboratory in a condition consistent with that described on the associated Chain-of-Custody document(s)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
3.	Were samples received at an appropriate temperature (< 6 Degrees C)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
4.	Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? See Section: PCB Narration.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
5a.	Were reporting limits specified or referenced on the chain-of-custody?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5b.	Were these reporting limits met?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
6.	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
7.	Are project-specific matrix spikes and laboratory duplicates included in the data set?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA

Note: For all questions to which the response was "No" (with the exception of question #5a, #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A or 1B is "No", the data package does not meet the requirements for "Reasonable Confidence".

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized
Signature:



Date: Tuesday, August 28, 2012
Printed Name: Greg Lawrence
Position: Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



RCP Certification Report

August 28, 2012

SDG ID.: GBC59272

PCB Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? No.

QC Batch 207810 (Samples: BC59272, BC59273, BC59274, BC59275, BC59276, BC59277): -----

The LCS and/or the LCSD recovery is above the upper range for one or more analytes that were not reported in the sample(s), therefore no significant bias is suspected. (PCB-1016, PCB-1260)

Instrument: Au-ecd5 08/24/12-1 (BC59272, BC59273, BC59274, BC59275, BC59276, BC59277)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner

Position: Chemist

Date: 8/24/2012

QC Comments: QC Batch 07810 08/23/12 (BC59272, BC59273, BC59274, BC59275, BC59276, BC59277)

A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.

QC (Site Specific)

----- Sample No: BC59272, QA/QC Batch: 207810 -----

All LCS recoveries were within 40 - 140 with the following exceptions: PCB-1016(146%), PCB-1260(148%)

All LCSD recoveries were within 40 - 140 with the following exceptions: PCB-1260(152%)

All LCS/LCSD RPDs were less than 20% with the following exceptions: None.

A matrix effect is suspected when a MS/MSD recovery is outside of criteria. No further action is required if LCS/LCSD compounds are within criteria.



CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: info@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Customer: LOB, Inc
Address: 6 Executive Drive
Farmington, CT

Project: Safety
Report to: Danish, David
Invoice to:

Project P.O.:
Phone #:
Fax #:

Data Delivery:
☐ Fax #:
☒ Email: Djones@lob.com

Temp

Page 1 of 1

Client Sample - Information - Identification			
Sampler's Signature	Date: 8-22-12		
Matrix Code:	GW=Ground Water SW=Surface Water WW=Waste Water	SL=Sludge S=Soil/Solid W=Wipe O=Other	
PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled
59270	W-1	W	8-22-12
59273	W-2		
59274	W-3		
59275	W-4		
59276	W-5		
59277	W-6		

Analysis Request	Time Sampled	Date Sampled	Sample Matrix	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled
✓	1110	8-22-12	W	W-1	W	8-22-12	1110
✓	1112			W-2			1112
✓	1114			W-3			1114
✓	1116			W-4			1116
✓	1118			W-5			1118
✓	1120			W-6			1120

Relinquished by:	Accepted by:	Date:	Time:	RI	CT	MA	Data Format	
<u>[Signature]</u>	<u>[Signature]</u>	8/23/12	13:36	<input type="checkbox"/> Direct Exposure (Residential) <input type="checkbox"/> GW <input type="checkbox"/> Other	<input checked="" type="checkbox"/> RCP Cert <input type="checkbox"/> GW Protection <input type="checkbox"/> SW Protection <input type="checkbox"/> GA Mobility <input checked="" type="checkbox"/> GB Mobility <input checked="" type="checkbox"/> Residential DEC <input type="checkbox"/> I/C DEC <input type="checkbox"/> Other	<input type="checkbox"/> MCP Certification <input type="checkbox"/> GW-1 <input type="checkbox"/> GW-2 <input type="checkbox"/> GW-3 <input type="checkbox"/> S-1 <input type="checkbox"/> S-2 <input type="checkbox"/> S-3 <input type="checkbox"/> MWRA eSMART <input type="checkbox"/> Other	<input checked="" type="checkbox"/> Excel <input checked="" type="checkbox"/> PDF <input type="checkbox"/> GIS/Key <input type="checkbox"/> EQUIS <input type="checkbox"/> Other	
Comments, Special Requirements or Regulations: <u>Hexare Wipe Samples</u>				Turnaround: <input type="checkbox"/> 1 Day* <input type="checkbox"/> 2 Days* <input type="checkbox"/> 3 Days* <input checked="" type="checkbox"/> Standard <input type="checkbox"/> Other				Data Package: <input type="checkbox"/> Tier II Checklist <input type="checkbox"/> Full Data Package* <input type="checkbox"/> Phoenix Std Report <input type="checkbox"/> Other
State where samples were collected: <u>CT</u>							* SURCHARGE APPLIES	